

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Customer No.: 22186

Atty. Docket No.: Doshi 58-10-27-19-36

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first, and joint inventor (if multiple names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **Restoration Path Calculation Considering Shared-Risk Link Groups In Mesh Networks**, the specification of which is being filed under the above-identified Attorney Docket Number.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional Serial No.: 60/459,163

Filing Date: 03/31/03

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
David W. Herring, Jr.	(Reg. No. P-51069)
Matthew J. Hodulik	(Reg. No. 36164)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Gregory J. Murgia	(Reg. No. 41209)
Eugene J. Rosenthal	(Reg. No. 36658)
Steven R. Santema	(Reg. No. 40156)
David A. Sasso	(Reg. No. 43084)
Bruce S. Schneider	(Reg. No. 27949)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Jeffrey M. Weinick	(Reg. No. 36304)

Customer No.: 22186

3 Atty. Docket No.: Doshi 58-10-27-19-36

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor): Bharat T. DoshiInventor's
signatureBharat Tarachand Doshi Date 2/20/04Residence: Holmdel, Monmouth County, New JerseyCitizenship: USA

Post Office Address:

5 Deerpond Lane
Holmdel, New Jersey 07733

Customer No.: 22186

4 Atty. Docket No.: Doshi 58-10-27-19-36

Full name of 2nd joint inventor: Zbigniew M. Dziong

Inventor's
signature



Date 11/18/2003

Residence: ~~Atlantic Highlands, Monmouth County, New Jersey~~ 2.D.

Citizenship: Canada

Post Office Address:

~~187 Thousand Oaks Drive~~ 2.D.

~~Atlantic Highlands, New Jersey 07716~~

604 DUPRET st.
Montreal, Quebec, Canada
H3E 1W7

990.0508

Customer No.: 22186

5 Atty. Docket No.: Doshi 58-10-27-19-36

Full name of 3rd joint inventor: Ramesh Nagarajan

Inventor's
signature Ramesh Nagarajan Date 16 JAN 2004

Residence: Somerset, Somerset County, New Jersey

Citizenship: India

Post Office Address: 4 Renoir Way
Somerset, New Jersey 08873

Customer No.: 22186

6 Atty. Docket No.: Doshi 58-10-27-19-36

Full name of 4th joint inventor: Muhammad A. Qureshi

Inventor's
signature  Date 12/09/2003

Residence: Green Brook, Somerset County, New Jersey

Citizenship: U.S.A.

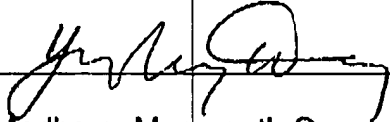
Post Office Address: 242 West End Avenue
Green Brook, New Jersey 08812

Customer No.: 22186

7 Atty. Docket No.: Doshi 58-10-27-19-36

Full name of 5th joint inventor: Yung-Terng Wang

Inventor's
signature



Date 11/3/03

Residence: Marlboro, Monmouth County, New Jersey

Citizenship: U.S.A.

Post Office Address:

7 Peach Tree Court
Marlboro, New Jersey 07746

Customer No.: 22186

8 Atty. Docket No.: Doshi 58-10-27-19-36

ATTACHMENT A

Attorney Name(s):	<u>Steve Mendelsohn</u>	Reg. No.:	<u>35,951</u>
	<u>Ian M. Hughes</u>		<u>41,083</u>
	<u>Steven R. Petersen</u>		<u>31,287</u>
	<u>Yuri Gruzdkov</u>		<u>50,762</u>
	<u>Michael L. Craner</u>		<u>50,127</u>

Telephone calls should be made to **Mendelsohn & Associates, P.C.** at:

Phone No.: 215-557-6657

Fax No.: 215-557-8477

All written communications are to be addressed to:

**Steve Mendelsohn
Mendelsohn & Associates, P.C.
1515 Market Street, Suite 715
Philadelphia, PA 19102**

Customer No.: 22186